

A YEAR IN REVIEW-

ENERGY INSECURITY AND PUBLIC HEALTH:
GOING FURTHER THROUGH CROSS-SECTOR COLLABORATION



INTER
DISCIPLINARY
RESEARCH
LEADERS



Priorities:

1. Understand the experience and social distribution of energy insecurity among residents in Maricopa County
2. Develop a tool kit-Energy Insecurity Index (EII)-that will be utilized by stakeholders to identify vulnerable communities
3. Advance more collaborative policies and initiatives that increase access to affordable and reliable energy

Celebrate the Year: Reflection

1. Learning

2. Engaging

3. Collecting Data

4. Developing *EI*

5. Actions



Learning and Community Engagement

1. Today a year ago, first *EI* Workgroup meeting was held

Mission: To empower communities and stakeholders to take actions toward energy solutions, including housing and utility affordability, energy and housing efficiency, policy change, and education and awareness.

Vision: We envision an energy secure and healthy Maricopa County.

2. Energy Insecurity webpage

3. Publish Community Survey



Empower Community Health Workers

4. Community engagement through Community Health Workers (CHW)

5. IRL Supplemental Funds

- Mobile Home Community in Central Phoenix: Salud en Balance Community Based Organization (CBO)
 - South Phoenix Community: Unlimited Potential Community Based Organization (CBO)
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- \$30,500**
- \$65,00: computer, printer, copier, paid electricity for faith-based organization (where their office is located) and reminder of funds was used for household one time incentive
 - \$12,000: Completed 140 interviews in the community (Incentives for interviews and fund for community health workers)
 - \$12,000: Train 5 community health workers to become experts on climate and health including energy insecurity. Goal: experts to hold focus groups with community members in 4 cities to discuss energy insecurity challenges

Understand the Impact of EI in our Community

5. Data Collection

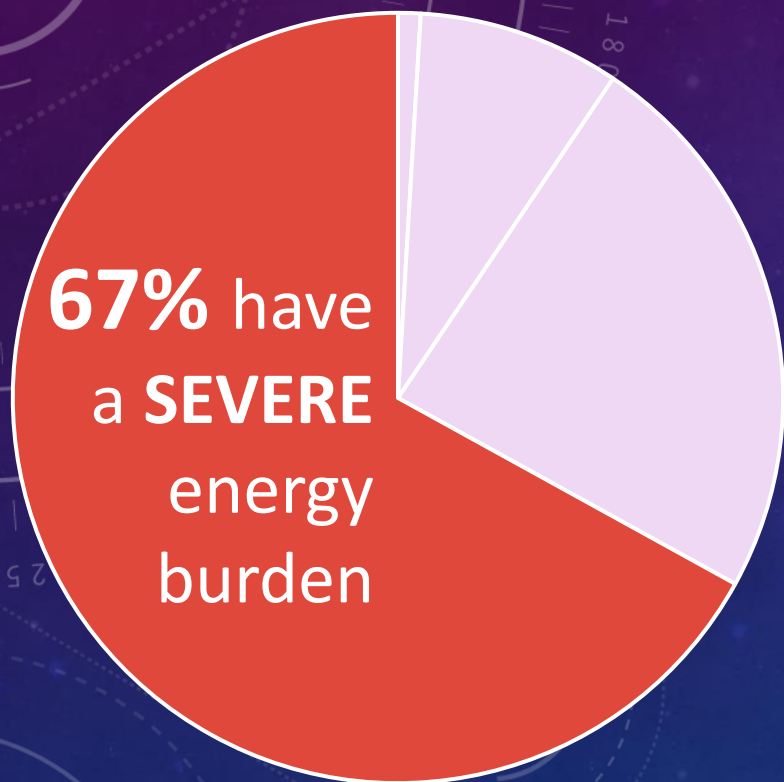
Energy Insecurity Community Survey completed
Key Informant Survey is in process

6. Developing Energy Insecurity Index (EI)

Greenlink Map
Maricopa County Resources
Community Survey Results



ENERGY BURDEN



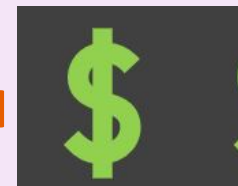
ENERGY BURDEN: % of household income spent on energy bills

11+% - SEVERE



67%

6-10% - HIGH



24%

3-5% - MODERATE



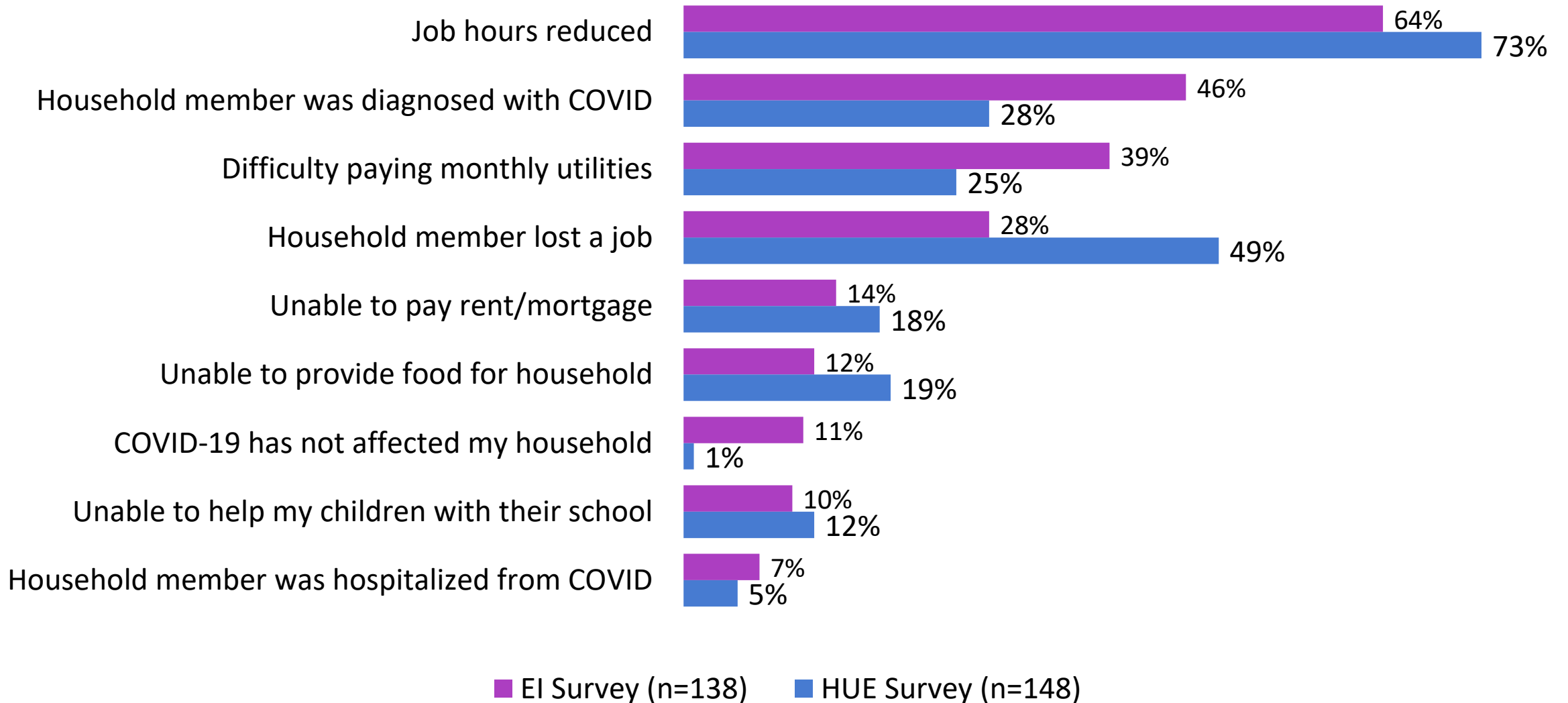
8%

< 3% - LOW



1%

COVID-19 Affects on Household



Propel Actions

- Heat Toolkit – distributed to six Mobile home communities in Phoenix. Toolkit contain information regarding Heat illness, safety tips and community resources including information on utility related programs. (Salud en Balance)
- Sign up for Heat Alerts
- Workshop training for community residents - maintain mobile homes and cooling system
- Human Services Portal - Weatherization program – using survey results CHW are working with residents
- FSL – Healthy Homes Air Conditioning Programs
- Climate and Health Curriculum – CHW training on climate and health including Impact of energy insecurity

SOLUTIONS

- Proposed Solutions by residents of Mobile Homes
- Utility Stakeholders took lead on organizing workshop training session about learning safety tips in maintaining mobile homes and cooling systems
- Training will take place on October 23, 2021
- 4 groups of 10 residents will attend the training at FSL training Center
- Transportation will be covered

Raising Awareness about Extreme Heat, Safety Tips, and Available Community Resources among Maricopa County Manufactured and RV Homes



Celebrate the Year: Potential

1. Continue to use our tools and plan for actions
2. Second workshop
Discuss Strategies
3. More discussion and brainstorming
Future of Workgroup
Funding

